Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1.   (Currently Amended) A method of accessing documents stored on a first computer system through a second computer system, the first and second computer systems connected in a network environment, said method comprising:

storing at the second computer system an identity information document from the first computer system, the identity information document comprising a user-friendly handle identifying a principal and a machine location of the first computer system;

receiving at a user interface implemented on the second computer system a request for access to documents stored on the first computer system, the request including the user-friendly handle and being directed to the first computer system;

intercepting at the second computer system the a request for access to documents from a the user of the second computer system when the request includes the user-friendly handle;

replacing at the second computer system the user-friendly handle of the request with the machine location; and

sending the request for access to documents to the machine location of the first computer system.

2.   (Original) The method of claim 1 wherein the user-friendly handle comprises an email address.

3.   (Previously Presented) The method of claim 1 wherein the machine location comprises an IP address.

4.   (Original) The method of claim 1 wherein the machine location comprises a public key.

5.   (Original) The method of claim 1 wherein the request for access to documents comprises a principal-initiated request.

6.   (Previously Presented) The method of claim 1 further comprising an initial step of receiving at the second computer system the identity information document from the first computer system.

7.   (Currently Amended) A method of publishing documents between a plurality of nodes, the nodes connected in a network environment, said method comprising:

        sending an identity information document from a publishing node to an accessing node, the identity information document comprising a user-friendly handle identifying a principal <u>of</u> <u>the publishing node</u> and a machine location for the publishing node;

        storing the identity information document on the accessing node;

        resolving at the accessing node the user-friendly handle with the machine location in a request for access to documents, wherein the request is made ~~from a user of the accessing node~~ to the publishing node <u>from a user of the accessing node via a user interface implemented on the</u> <u>accessing node</u>; and

        sending the request for access to documents from the accessing node to the publishing node.

8.   (Original) The method of claim 7 wherein the user-friendly handle comprises an email address.

9.   (Original) The method of claim 7 wherein the user-friendly handle comprises a telephone number.

10.   (Original) The method of claim 7 wherein the machine location comprises an IP address.

11.   (Original) The method of claim 7 wherein the machine location comprises a public key.

12.   (Original) The method of claim 11 further comprising:

using the public key to determine the current machine location for the publishing node.

13.   (Original) The method of claim 11 further comprising:

registering an encrypted machine name and a registered machine location for the publishing node with a DNS server;

resolving the user-friendly handle with the public key;

converting the public key to the encrypted machine name;

using the encrypted machine name to look up the registered machine location for the publishing node on the DNS server; and

sending the request for access to documents to the registered machine location.

14.   (Original) The method of claim 7 further comprising:

verifying that the accessing node has authorization from the publishing node to review the requested documents before publishing the requested documents.

15.   (Original) The method of claim 7 further comprising:

delivering a path name for documents stored on the publishing node to the accessing node.

16.   (Original) The method of claim 15 wherein the path name is delivered to the accessing node by email.

17.   (Original) The method of claim 7 further comprising:

delivering a path name for documents stored on the publishing node to a principal of the accessing node.

18.   (Original) The method of claim 17 wherein the path name is delivered to the principal of the accessing node by a telephone call.

19.   (Original) The method of claim 7 wherein the resolving step further comprises:

intercepting the request for access to documents when the request is directed to the user-friendly handle;

finding a matching identity information document having a user-friendly handle that matches the user-friendly handle in the request;

determining the machine location from the matching identity information document; and

amending the request to substitute the user-friendly handle with the machine location.

20.   (Original) The method of 7 further comprising:

delivering a path name combined with the user-friendly handle to the accessing node; and

parsing the path name from the user-friendly handle prior to resolving the user-friendly handle with the machine location.

21.   (Original) The method of claim 20 further comprising:

adding the path name to the request for access to documents before sending the request to the publishing node.

22.   (Original) The method of claim 7 wherein the identity information document further comprises more than one machine location for principal identified by the user-friendly handle.

23.   (Currently Amended) A method of using a user-friendly handle to access documents stored on a first computer system in a network environment, the method comprising:

storing at a second computer system an identity information document from the first computer system, the identity information document comprising a user-friendly handle identifying a ~~principal~~ first user of the first computer system and a machine location of the first computer system;

implementing a user interface on the second computer system to enable a second user of the second computer system to request access to documents stored on the first computer system;

receiving at the user interface implemented on the second computer system a request from the second user of the second computer system to access a first document of the documents stored on the first computer system, the request including the user-friendly handle and being directed to the first computer system;

intercepting ~~a~~ at the second computer system the request from the user interface to ~~for~~ access the first document ~~to documents from a user of the second computer system, the request for access to the documents including the user-friendly handle~~;

amending at the second computer system the request ~~for access to the documents~~ to replace the user-friendly handle with the machine location of the first computer system; ~~and~~

sending the amended request from the second computer system ~~for access to the documents~~ to the machine location of the first computer system; and

accessing the first document at the second computer system.

24.   (Original) The method of claim 23 wherein the user-friendly handle is an email address.

25.   (Original) The method of claim 23 wherein the machine location comprises an IP address.

26.   (Original) The method of claim 23 wherein the machine location comprises a public key.

27.   (Original) The method of claim 26 further comprising:

using the public key to determine the current machine location for the publishing node.

28.   (Original) The method of claim 23 further comprising an initial step of:

receiving the identity information document from the first computer system.

29.   (Previously Presented) The method of claim 23 further comprising receiving published documents from the first computer system.

30.   (Currently Amended) A first computer system comprising:

a storage module for storing an identity information document received from a second computer system, the identity information document comprising a user-friendly handle identifying a principal of the second computer system and a machine location for the second computer system;

a communication module communicatively connected to the storage module for ~~generating~~ sending from a user of the first computer system requests ~~from a user~~ for access to documents stored on the second computer system; ~~and~~

a name resolution module communicatively connected to the storage module and the communication module for intercepting the requests ~~from the user~~ for access to documents stored on the second computer system and amending each request to replace the user-friendly handle with the machine location; and

a user interface module configured to enable the user of the first computer system to access and control any of the storage module, the communication module, and the name resolution module.

31.   (Original) The computer system of claim 30 wherein the user-friendly handle is an email address.

32.   (Original) The computer system of claim 30 wherein the machine location comprises an IP address.

33.   (Original) The computer system of claim 30 wherein the machine location comprises a public key.

34.   (Original) The computer system of claim 30 further comprising:
a communication module connected to the name resolution module for sending and receiving communications to and from the second computer system.

35.   (Currently Amended) A computer program data product readable by a computing system and encoding instructions for executing a computer process for name resolution, said computer process comprising:

storing at an accessing computer system an identity information document from a publishing computer system, the identity information document comprising a user-friendly handle identifying a principal and a machine location for the publishing computer system;

receiving at a user interface implemented on the accessing computer system instructions from a user of the accessing computer system to generate a request for access to documents stored on the publishing computer system, the request including the user-friendly handle;

intercepting the request for access to documents stored on the publishing computer system, wherein the request contains the user-friendly handle; and

amending at the accessing computer system the request to replace the user-friendly handle with the machine location.

36.   (Original) The computer process of claim 35 wherein the user-friendly handle comprises an email address.

37.   (Original) The computer process of claim 35 wherein the machine location comprises an IP address.

38.   (Original) The computer process of claim 35 wherein the machine location comprises a public key.

39.   (Original) The computer process of claim 38 further comprising:
using the public key to determine the current machine location for the publishing node.

40.   (Original) The computer process of claim 38 further comprising:

registering an encrypted machine name and a registered machine location for the publishing node with a DNS server;

       resolving the user-friendly handle with the public key;

       converting the public key to the encrypted machine name;

       using the encrypted machine name to look up the registered machine location for the publishing node on the DNS server; and

       sending the request for access to documents to the registered machine location.

41.   (Original) The computer process of claim 40 wherein the converting step comprises performing an algorithm on the public key.

42.   (Original) The computer process of claim 35 wherein the identity information document further comprises more than one machine location for principal identified by the user-friendly handle.